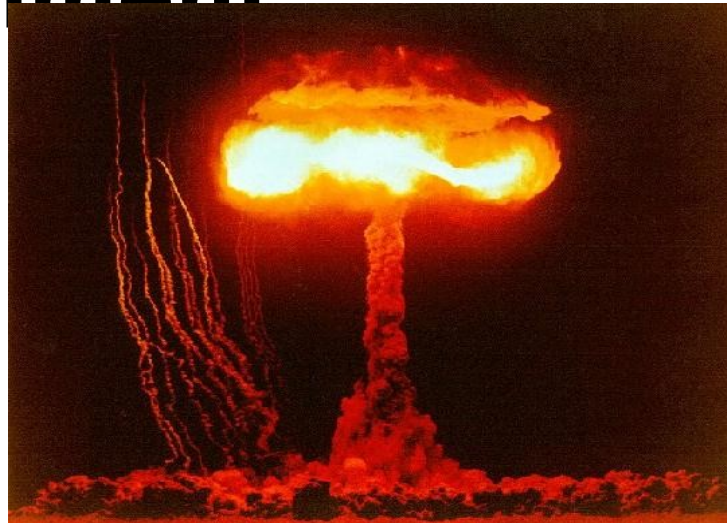




TERMINAL LEARNING OBJECTIVE

Implement procedures for a platoon to operate in a nuclear, biological, and chemical (NBC) environment





CONTAMINATION AVOIDANCE



Defense before a nuclear attack.

- **Individual protection.**
 - Shelter
 - Exposure
- **Position**
 - Terrain
 - Shielding from gamma and neutron radiation
 - Shelter from weapons effects
- **Material**
 - Supplies and equipment
 - Food and water supplies
 - Electronic equipment.



CONTAMINATION AVOIDANCE (CONT)



Biological defense

- **Individual protection**
 - **Coordinate for immunizations**
 - **Ensure soldiers practice good hygiene and field sanitation procedures**
 - **Ensure soldiers are in good physical shape**
- **Position**
 - **Cleanliness**
 - **Field sanitation facilities**
- **Material**
 - **Food**
 - **Equipment and supplies**
 - **Parked vans**



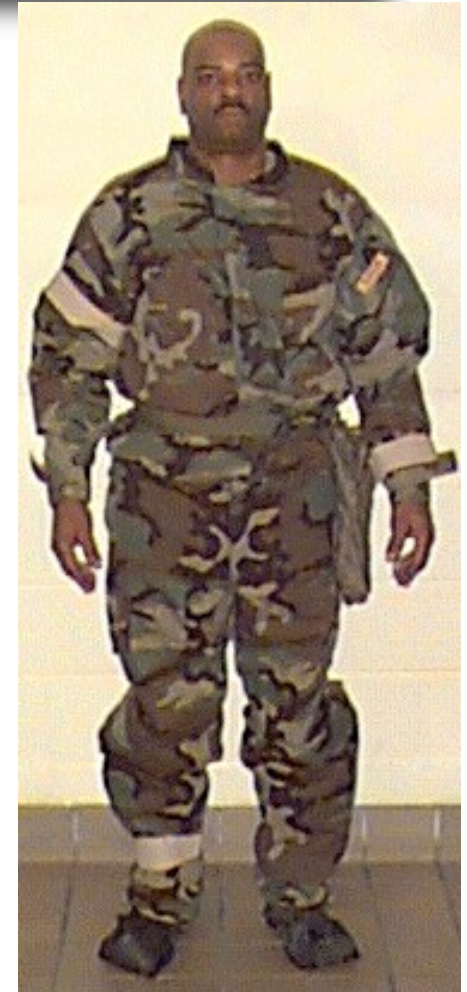
MOPP LEVELS



MOPP-0



MOPP-1



MOPP-2



MOPP LEVELS (CONT)



MOPP-3



MOPP-4



RADIOLOGICAL MONITORING



- **Periodic monitoring**
 - After first nuclear weapon use.
 - Platoon out of contact.
 - Ordered by higher HQs.
 - Platoon stops continuous monitoring.
- **Continuous monitoring**
 - Nuclear detonation observed or reported in area.
 - NBC-3 report received and platoon is in area.
 - Ordered by higher HQs.
 - Dose rate of 1 cGy/hr reported in periodic monitoring.



NBC CASUALTY TREATMENT



- **First step is self-aid and buddy-aid measures.**
 - **Varies depending on type of agent.**
 - **Soldiers should mask to prevent inhaling or ingesting other agents.**
 - **Remove agents from their skin.**
 - **Use buddy-aid procedures to observe each**
- other for symptoms and to request**



NBC CASUALTY LEADER ACTIONS



The platoon leader should:

- **Select separate collection points for contaminated and noncontaminated casualties.**
- **Decontaminate casualties as thoroughly as situation allows.**
- **Include the number of contaminated patients for evacuation.**

- **Evacuation team sends proper**



NBC MARKING PROCEDURES



- **Markers should face away from the highest contamination reading.**
 - **Placed at roads, trails, and points of entry.**
 - **Distance between signs vary.**
 - **If standing in front of a marker, the markers to the left and right must be visible.**
- **Units covering a marked contaminated area do not have to conduct elaborate, time-consuming surveys.**



DECONTAMINATION PRINCIPLES



- **Conduct it as soon as possible.**
- **Decontaminate whatever is necessary.**
- **Conduct as far forward as possible.**
- **Conduct it by priority.**



DECONTAMINATION ACTIONS



- **Operational Decontamination.**
 - **Use unit assets.**
 - **Two procedures—MOPP exchange and vehicle washdown.**
- **Thorough Decontamination.**
 - **Segregate equipment.**